240	
240	AGGAGCAGTTACGGTCTGTGTGGTGATGAACTCATGACTGTACTCTACCCAGAAT
180	ACCTCTCGGACGCGGACCCGGGCGAGGCCACGGCTTATGCAAGCAA
120	CGCTGCTCCCGGGTCCTCGCGAGGCGCCCCCCCCCCCCC
09	GTCCTTCCACCATGCACTCGCTGGGCTTCTTCTCTGTGGCGTGTTCTCTGTGCTCGCCGC

נטנ	MATCH WITH FIG. 1A	360
301	GGTTGGAGTTGAGTTCTTGATATTTTAAACGACGTCGTGTAATATTATGTC  N L N S R T E E T I K F A A A H Y N T E	ı
,	AGATCTTGAAAAGTATTGATAATGAGTGGAGAAAAGACTCAATGCATGC	420
361	TCTAGAACTTTTCATAACTATTACTCACCTCTTTCTGAGTTACGTGCCTCCACACACA	) 1 r 1
•		. 480
421	CATATCTACACCCCTTCCTCAAACCTCAGCGCTGTTTGTGGAAGAAATTTGGAGGTACAC I D V G K E F G V A T N T F F K P P C V	) ) † i
0	TCTACAGATGTGGGGGTTGCTGCAATAGTGAGGGGGCTGCAGTGCATGAACACCA	540
4 8 T	ACAGGCAGATGTCTACACCCCCAACGACGTTATCACTCCCCGACGTCACGTACTTGTGGT S V Y R C G G C C N S E G L Q C M N T S	) 
, ,		009
24 T	CGTGCTCGATGGAGTCGTTCTGCAATAAACTTTAATGTCACGGAGAGAGA	
ć	AACCAGTAACAATCAGTTTTGCCAATCACACTTCCTGCCGATGCATGTCTAAACTGGATG	660
7 O D	TTGGTCATTGTTAGTGTTAGTGTGAAGGACGGCTACGTACAGATTTGACCTAC  P V T I S F A N H T S C R C M S K L D V	
	MATCH WITH FIG. 1C	~

## 720 780 840 900 960 Fig.1C TCCGTCGCTTGTTCTGGACGGGGTGGTTAATGTACACCTTATTAGTGTAGACGTCTACGG TTTACAGACAAGTTCATTCCATTATTAGACGTTCCCTGCCAGCAACACTACCACAGTGTC aaa tgtctgttcaagtaaggtaataatctgcaagggacggtcgttgtgatggtgtcacag AGGCAGCGAACAAGACCTGCCCCACCAATTACATGTGGAATAATCACATCTGCAGATGCC TGGCTCAGGAAGATTTTATGTTTTCCTCGGATGCTGGAGATGACTCAACAGATGGATTCC ACCGAGTCCTTCTAAAATACAAAAGGAGCCTACGACCTCTACTGAGTTGTCTACCTAAGG ATGACATCTGTGGACCAAACAAGGAGCTGGATGAAGAGACCTGTCAGTGTCTGCAGAG TACTGTAGACACCTGGTTTGTTCCTCGACCTACTTCTCTGGACAGTCACAGACGTCTC CGGGGCTTCGGCCTGCCAGCTGTGGACCCCCACAAGAACTAGACAGAAACTCATGCCAGT GCCCCGAAGCCGGACGGTCGACACCTGGGGTGTTTCTTGATCTGTCTTTGAGTACGGTCA CACAGACATTTTTGTTTGAGAAGGGGTCGGTTACACCCCGGTTGGCTCTTAAACTACTTT GTGTCTGTAAAAACAAACTCTTCCCCAGCCAATGTGGGGCCCAACCGAGAATTTGATGAAA O C V O E I H N R N S K T C Ω Ω z а Ω ļ ы WWYNL <sub>O</sub> ы MATCH WITH FIG. 1D S A O L D E P H K ĸ MATCH WITH FIG. ഗ ഗ ы ŗ, O Ŋ Σ z ŗ, × Z Z 721 841 781 961 901

## 1080 1200 1260 1140 ı Ø F Z <u>ი</u> ჯ TTACACGGACACTTACATGTCTTTCAGGTGTCTTTACGAACAATTTTTCCTTTCTTCAAGG TGGTGGTTTGTACGTCGACAATGTCTGCCGGTACATGCTTGGCGGTCTTCCGAACACTCG STCCTAAAAGTATATCACACTTCTTCACACAGCAACAGGGAAGTATAACCGTTTCTGGTG TGTGTACGGTCACACATACATTTTCTTGGACGGGGTCTTTAGTTGGGGATTTAGGACCTT ACCACCAAACATGCAGCTGTTACAGACGGCCATGTACGAACCGCCAGAAGGCTTGTGAGC AAATGAGCTAAGATTGTACTGTTTTCCAGTTCATCGATTTTTCTATTATGGAAAACTGTGT ACACATGCCAGTGTGTATGTAAAAGAACCTGCCCCAGAAATCAACCCCTAAATCCTGGAA aatgtgcctgtgaatgtacagaaa⁄gtccacagaaatgcttgttaaaaggaaagattcc CAGGATTTTCATATAGTGAAGAAGTGTGTCGTTGTGTCCCTTCATATTGGCAAAGACCAC Ш × Ω æ × ہتا IJ × × Ŋ M Y Ы × K ᆸ ø CTNR S Z ᆸ R N p, ď Q K C > ပ ပ MATCH WITH FIG. 1C Д ر 2 U α ပ م ĸ ۲ ഗ ഗ ĸ ĸ Д C X ш Ħ ₽ ы 니 ပ ഗ × ပ Ш Z Ø ഗ ¥ Z C 1021

MATCH WITH FIG. 1E

Fig. 1D

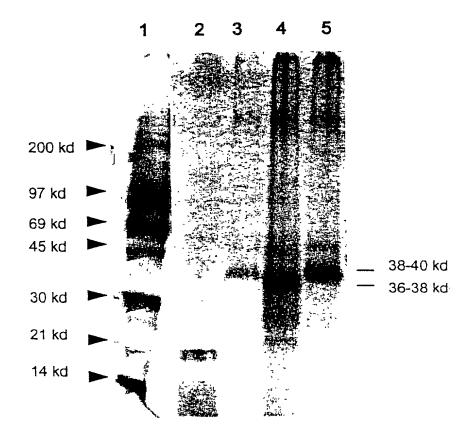
1	CH WITH FIG. 1D	1320
261	TTTACTCGATTCTAACATGACAAAAGGTCAAGTAGCTAAAAGATAATACCTTTTGACACA	
	GAACTGTCTGTGAACAGAGACCCTTGTGGGTCCATGCTAACAAGACA	1380
321		
,	AAAGTCTGTCTTTCCTGAACCATGTGGATAACTTTACAGAAATGGACTGGAGCTCATCTG	1440
381	TTTCAGACAGAAAGGACTTGGTACACCTATTGAAATGTCTTTACCTGACCTCGAGTAGAC	
•	_	1500
441	GTTTTCCGGAGA	
		1560
501	AACACTAAAGAAATTTTCTTACTGATATATTAATAAGGTGATTTTTTATAACAAAGACG	
,	ATTCATTTTTATAGCAACAACAATTGGTAAAACTCACTGTGATCAATATTTTTATATCAT	1620
561	TAAGTAAAAATATCGTTGTTGTTAACCATTTTGAGTGACACTAGTTATAAAAATATAGTA	
(	GCAAAATATG	
0.21	CGTTTTATACAAATTTTATTTTACTTTTAACATAAATATTTTTT	

Pdgfa MRTLACLLL LGCGYLAHVL AEEAEIPREV IERLARSQIH SIRDLORLLE Pdgfb MNRCWA.LFL SLCCYLRLVS AEGDPIPEEL YEMLSDHSIR SFDDLORLLH VegfMNFLL SWVHWSLALL LY	100 LPIRRKRSIEEAVP .LARGRRSLG SLTIAEPAMI .VYQR	Pdgfa AVCKTRIVIY EIPRSQVDPT SANFLIMPPC VEVKRCTGCC NTSSVKQPPS Pdgfb AECKTRTEVF EISRRLIDRT NANFLVMPPC VEVQRCSGCC NNRNVQCRPT Vegf SYCHPIETLV DIFQEYPDEI . EYIFKPSC VPLMRCGGCC NDEGLEGVPT Vegf2 TQCMPREVCI DVGKEFGVATNTFFKPPC VSVYRCGGCC NSEGLQCMNT	Pdgfa RVHHRSVKVA KVEYVRKKPK LKEVQVRLEE HLEGAG AT Pdgfb QVQLRPVQVR KIEIVRKKPI FKKATVTLED HLACKQ ETVAAARPVI Vegf EESNITMQIM RIK.PHQC QHIGEMSFLQ HNKQECRPKK DRARQEKKSV Vegf2 STSYLSKTLF EIT.VPLSQC PKPVTISFAN HTSCRCMSKL DVYRQVHSII
1 Pdgfa .MRTLACLLL LGCGYLAHVL AEEAEIPREV IERLARSQIH Pdgfb MNRCWA.LFL SLCCYLRLVS AEGDPIPEEL YEMLSDHSIR VegfMNFLL SWVHWSLALL LY	Pdgfa IDSVGSEDSL DTSLRAHGVH ATKHVPEKRP LPIRRKRSIEEAVP Pdgfb GDP.GEEDGA ELDLNMTRSH SGGELES LARGRRSLG SLTIAEPAMI Vegf APMAEGGGQ NHHEVVKFMD .VYQR	VEVKRCTGCC VEVQRCSGCC VPLMRCGGCC VSVYRCGCCC	HLEGAG HLAOKO HNKOEORPKK HTSGROMSKL
AEEAE IPREV AEGDP IPEEL L Y CQ	51 Pdgfa IDSVGSEDSL DTSLRAHGVH ATKHVPEKRP LPIRRKRSI. Pdgfb GDP.GEEDGA ELDLNMTRSH SGGELESLARGRRSLG Vegf APMAEGGGQ NHHEVVKFMD .VYQR	SANFLIMPPC NANFLWMPPC EYIFKPSC NTFFKPPC	LKEVQVRLEE FKKATVTLED QHIGEMSFLQ PKPVTISFAN
LGCGYLAHVL SLCCYLRLVS SWVHWSLALL LYPEYWKMYK	DTSLRAHGVH ELDLNMTRSH GGCQ EETIKFAAAH	E I PRSQVDPT E I SRRL I DRT D I F QE YPDE I DVGKE FGVAT	KVEYVRKKPK KIEIVRKKPI RIK.PHQC EII.VPLSQC
1 .MRTLACLLL MNRCWA.LFL MNFLL	51 IDSVGSEDSL GDP.GEEDGA APMAE	101 AVCKTRTVIY AECKTRTEVF SYCHPIETLV TQCMPREVCI	151 RVHHRSVKVA QVQLRPVQVR EESNITMQIM STSYLSKTLF
Pdgfa Pdgfb Vegf Vegf2	Pdgfa Pdgfb Vegf Vegf	Pdgfa Pdgfb Vegf Vegf2	Pdgfa Pdgfb Vegf Vegf

## Fig. 2A

PdgfaTSLNPD YREEDTDVR	Pdgfa	Pdgfa	351
Pdgfa . Pdgfb R Vegf RI Vegf RI	Pdgfa . Pdgfb A Vegf . Vegf .	Pdgfa . Pdgfb . Vegf . Vegf .	Pdgfa . Pdgfb . Vegf . Vegf ?

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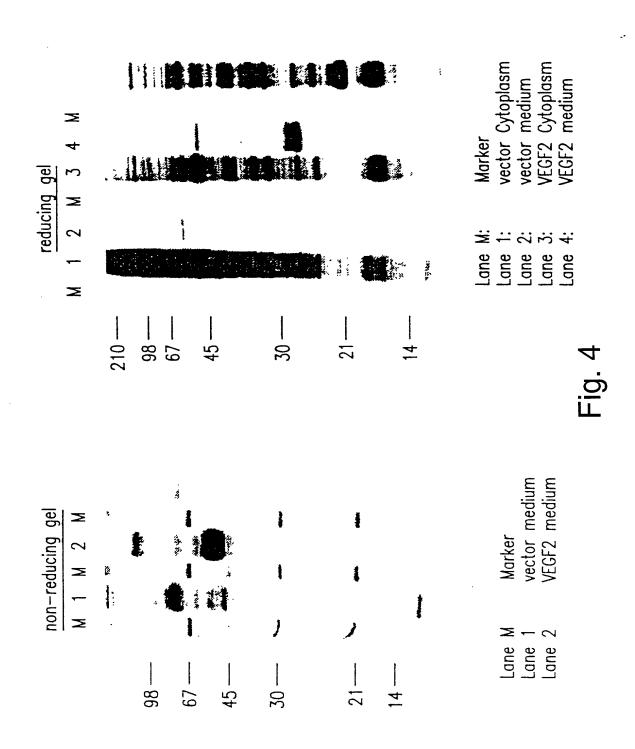


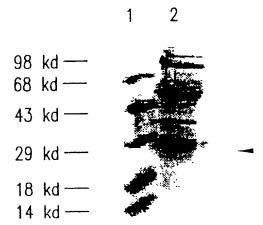
Lane 1: 14-C and rainbow M.W. marker

Lane 2: FGF control

Lane 3: VEGF2 (M13-reverse \$ forward primers)
Lane 4: VEGF2 (M13-reverse & VEGF-F4 primers)
Lane 5: VEGF2 (M13-reverse & VEGF-F5 primers)

Fig. 3





Lane 1: Lane 2:

Molelular weight marker Precipitates containing VEGF2.

Fig. 5

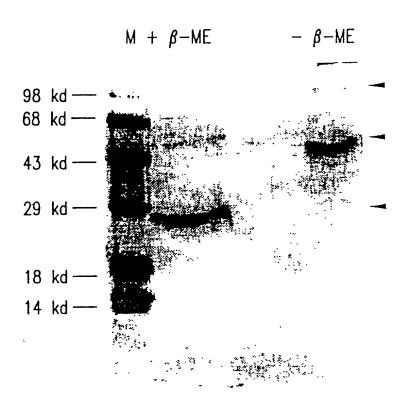


Fig. 6

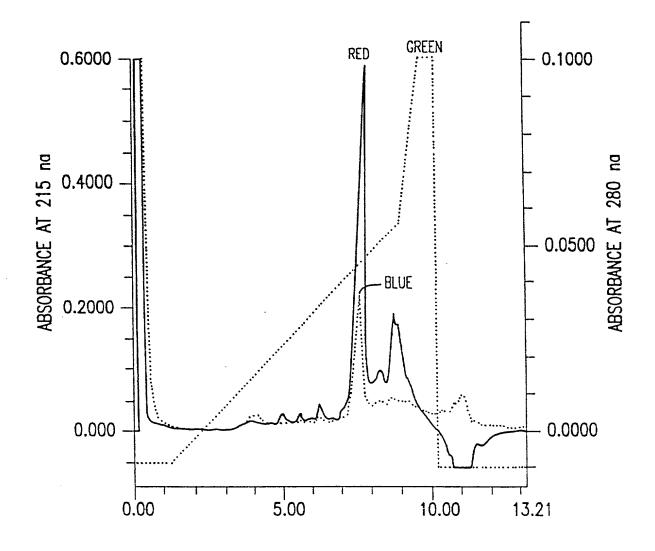


Fig. 7

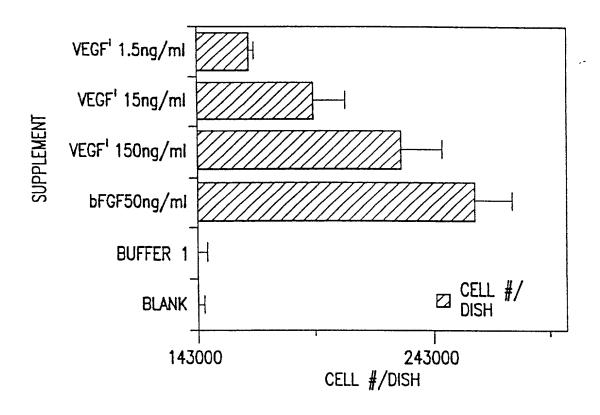


Fig. 8

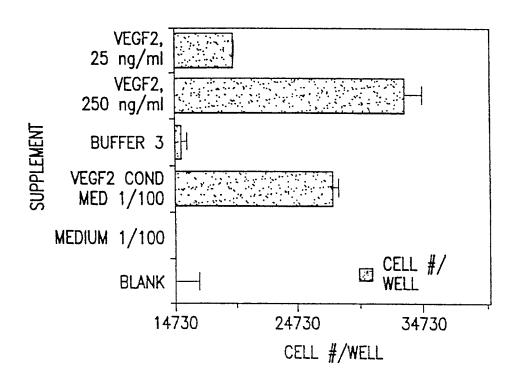


Fig. 9